

FIG. 1

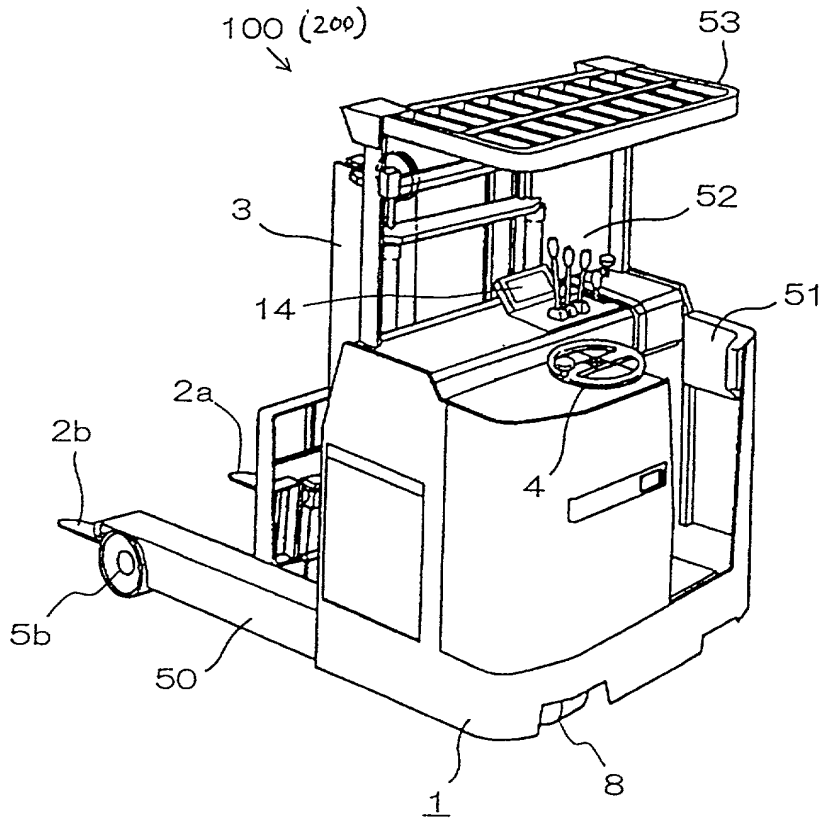


FIG. 2

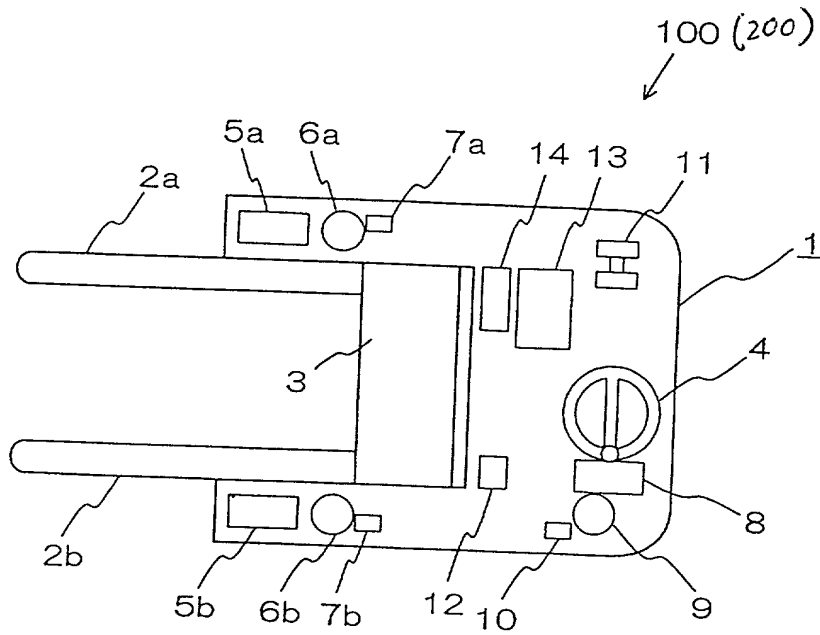
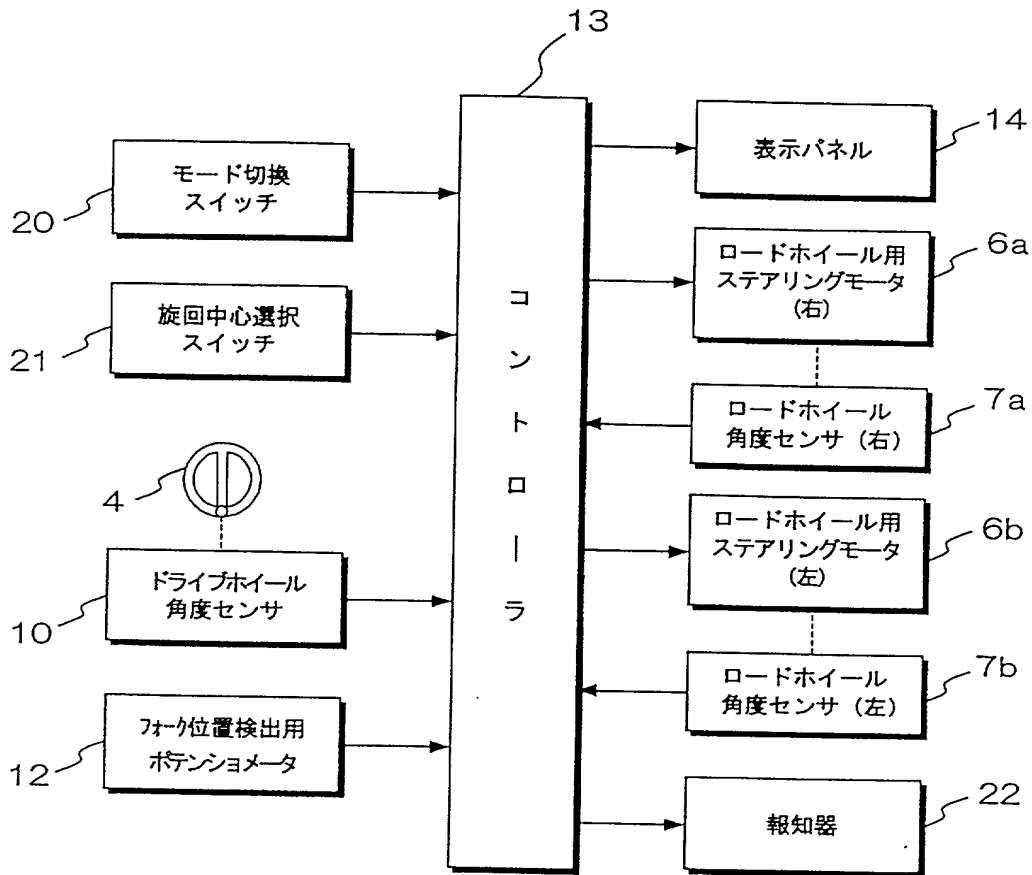


FIG. 3



6a: road wheel steering motor; 6b: road wheel steering motor, 7a: road wheel angle sensor (right); 7b: road wheel angle sensor (left); 10: driving wheel angle sensor; 12: fork arm position detecting potentiometer; 13: controller; 14: display panel; 20: mode switching switch; 21: center-of-turn selecting switch; 22: information device.

FIG. 4

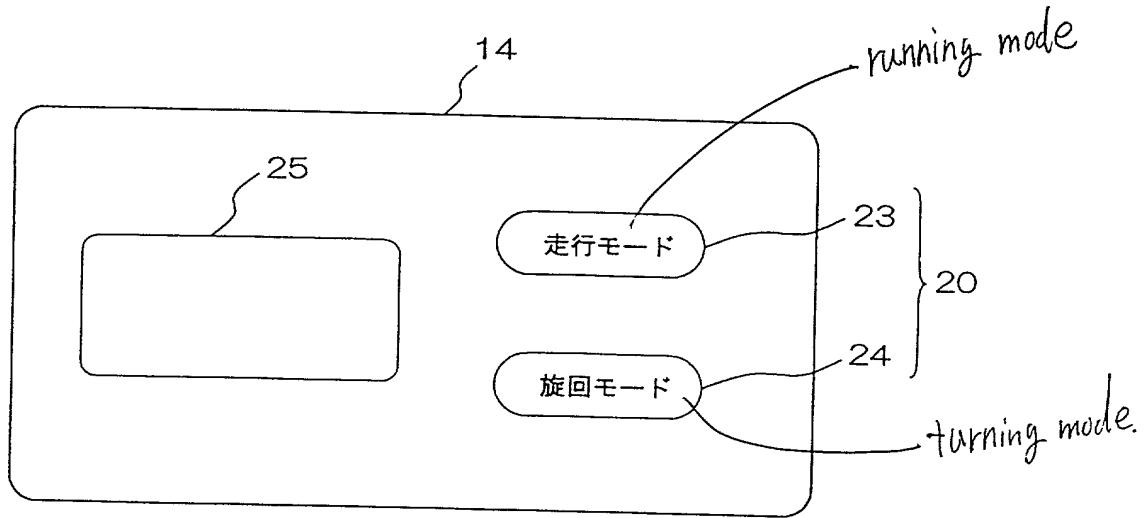


FIG. 5

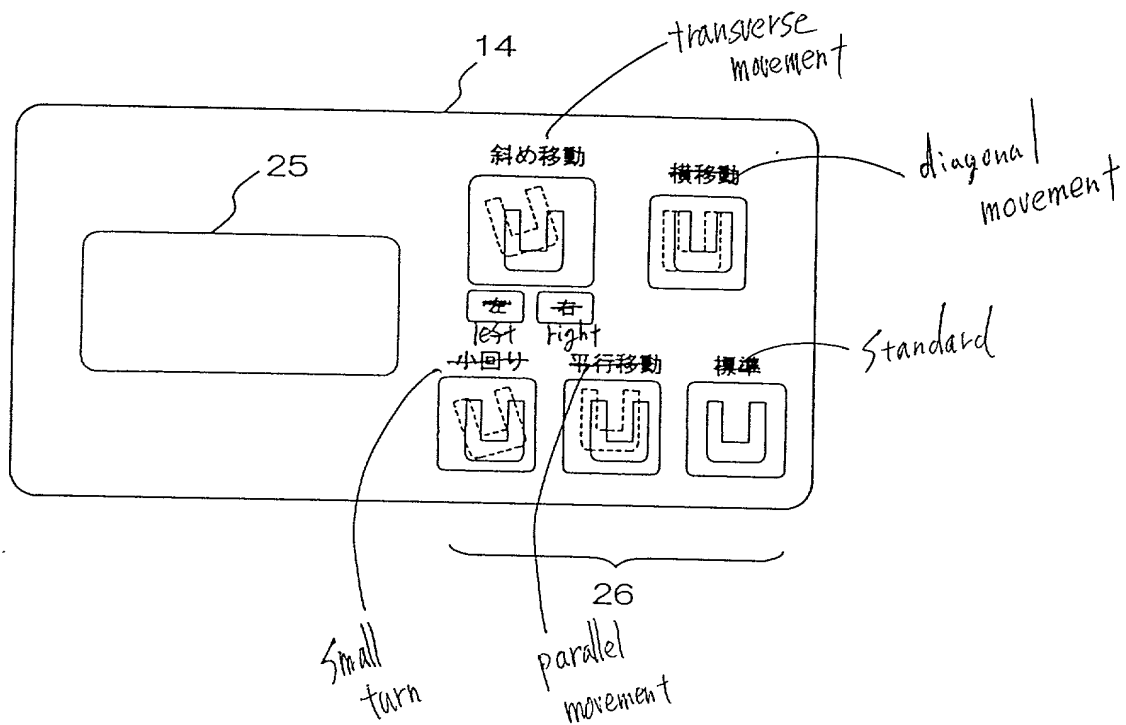


FIG. 6

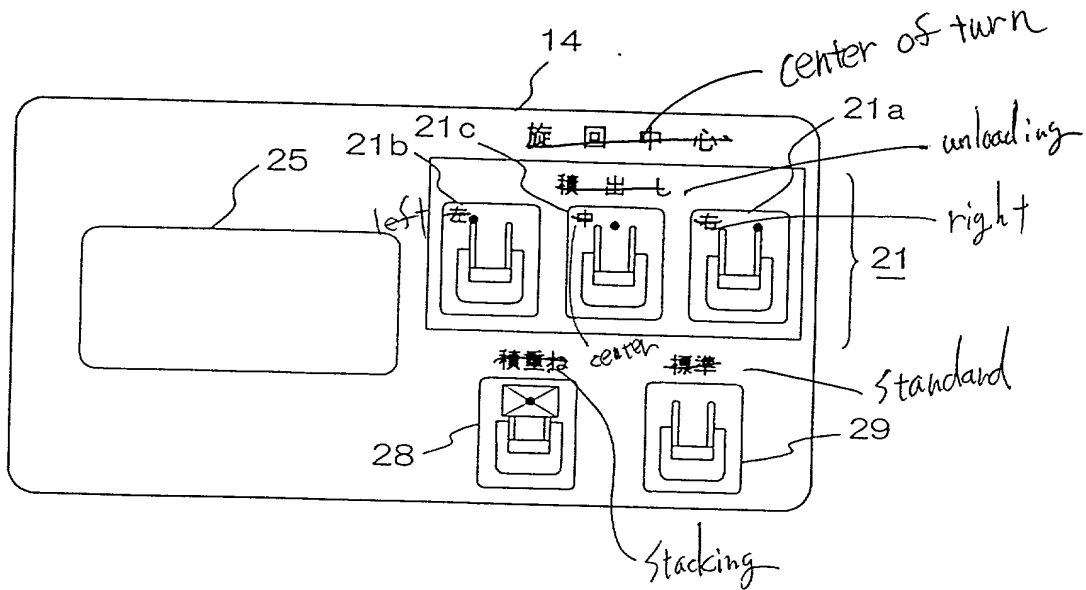


FIG. 7

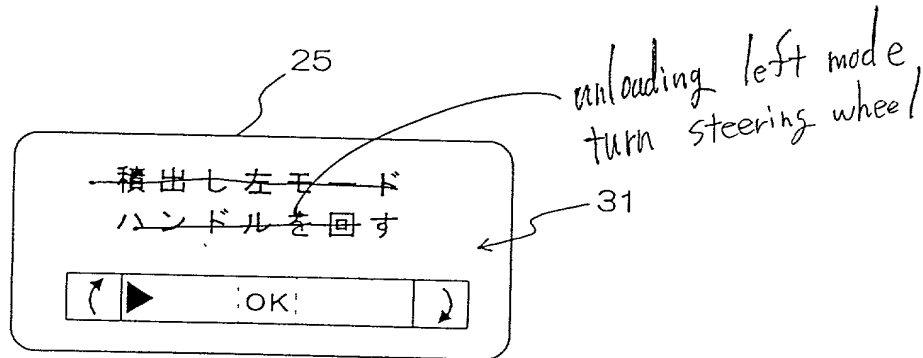


FIG. 8

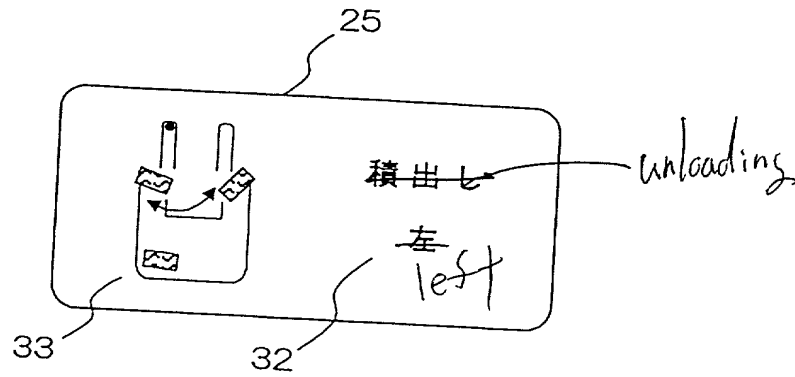
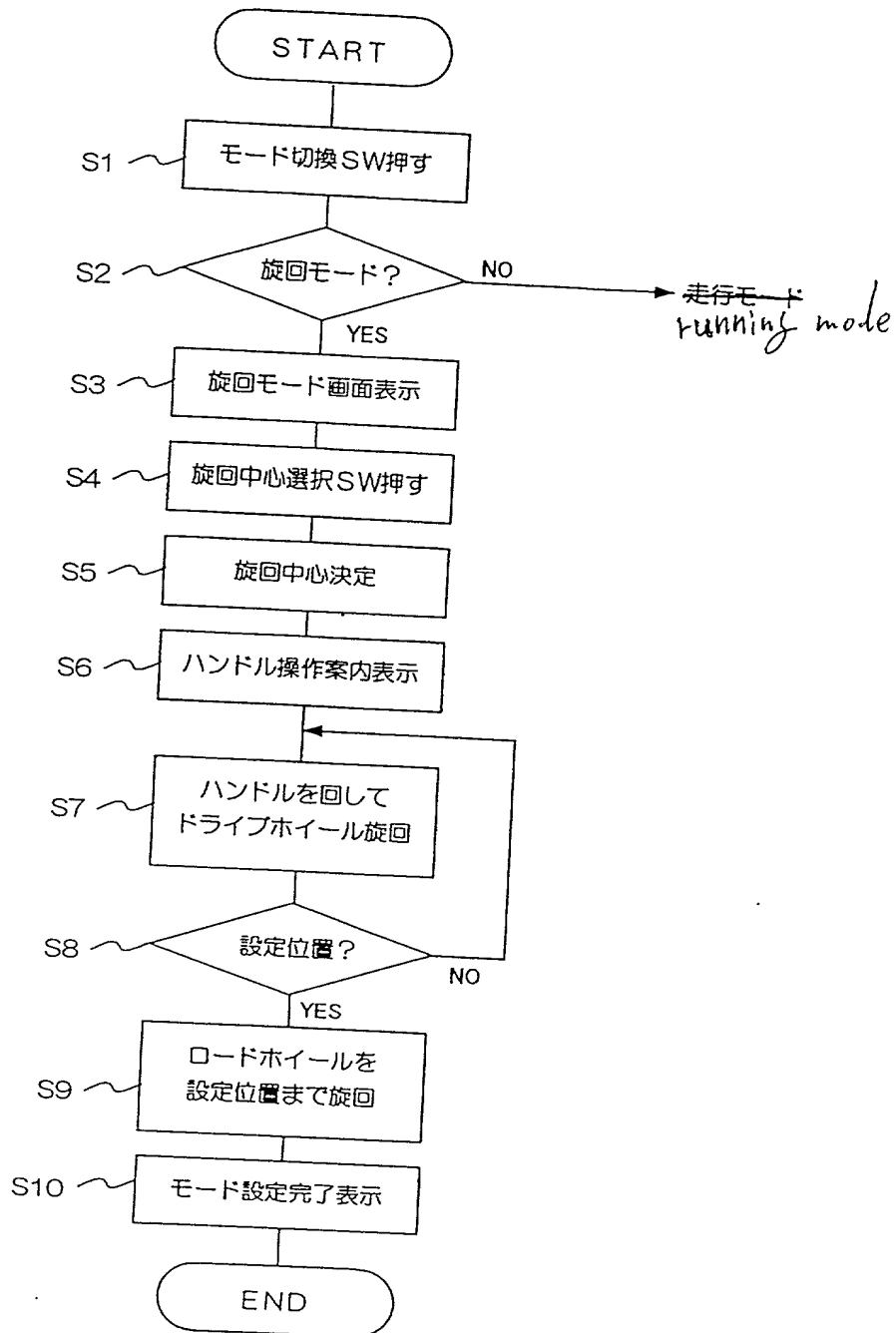


FIG. 9



S1: depress mode switching switch; S2: has turning mode been depressed?, S3: display turning mode screen; S4: depress center-of-turn selecting switch, S5: determine center of turn; S6: display steering wheel operation guide, S7: turn steering wheel to turn driving wheel; S8: has driving wheel turned to set position?; S9: turn road wheels to set positions, S10: display mode setting completion screen.

FIG. 10A

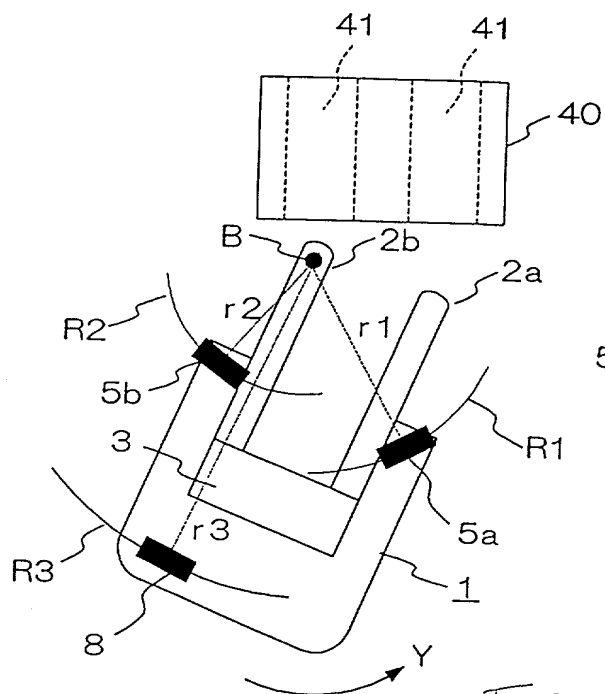


FIG. 10B

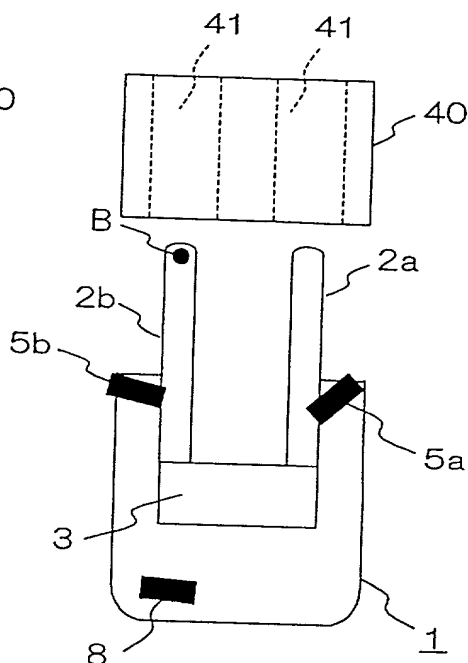


FIG. 10C

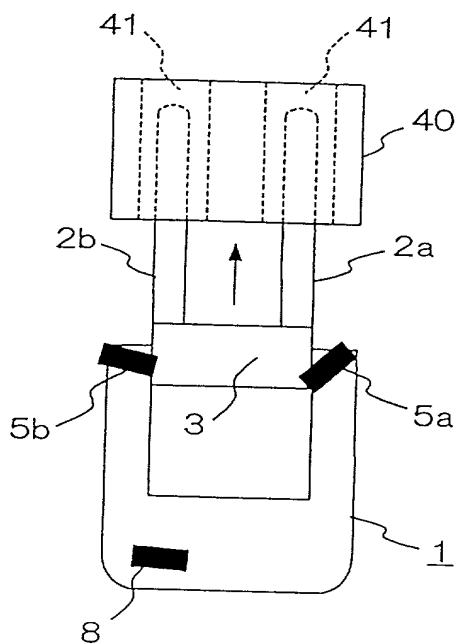


FIG. 11

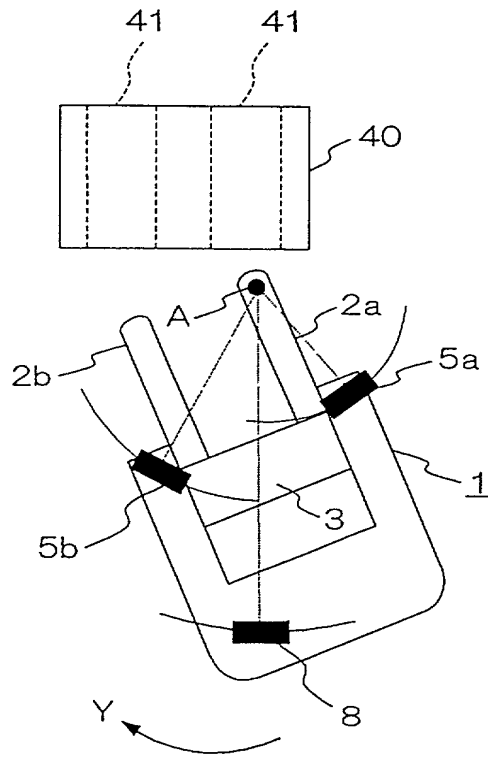


FIG. 12

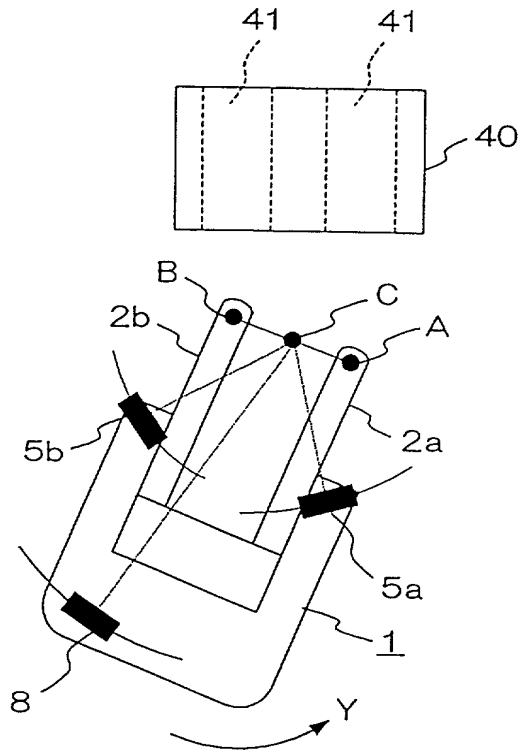


FIG. 13

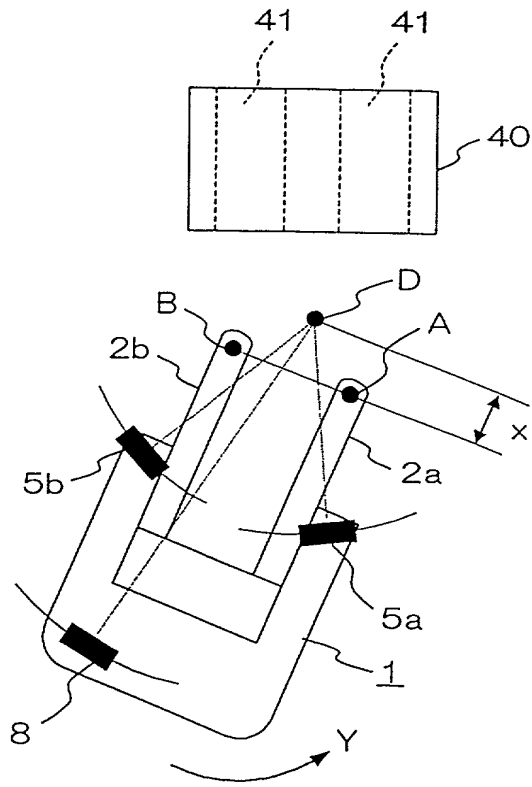
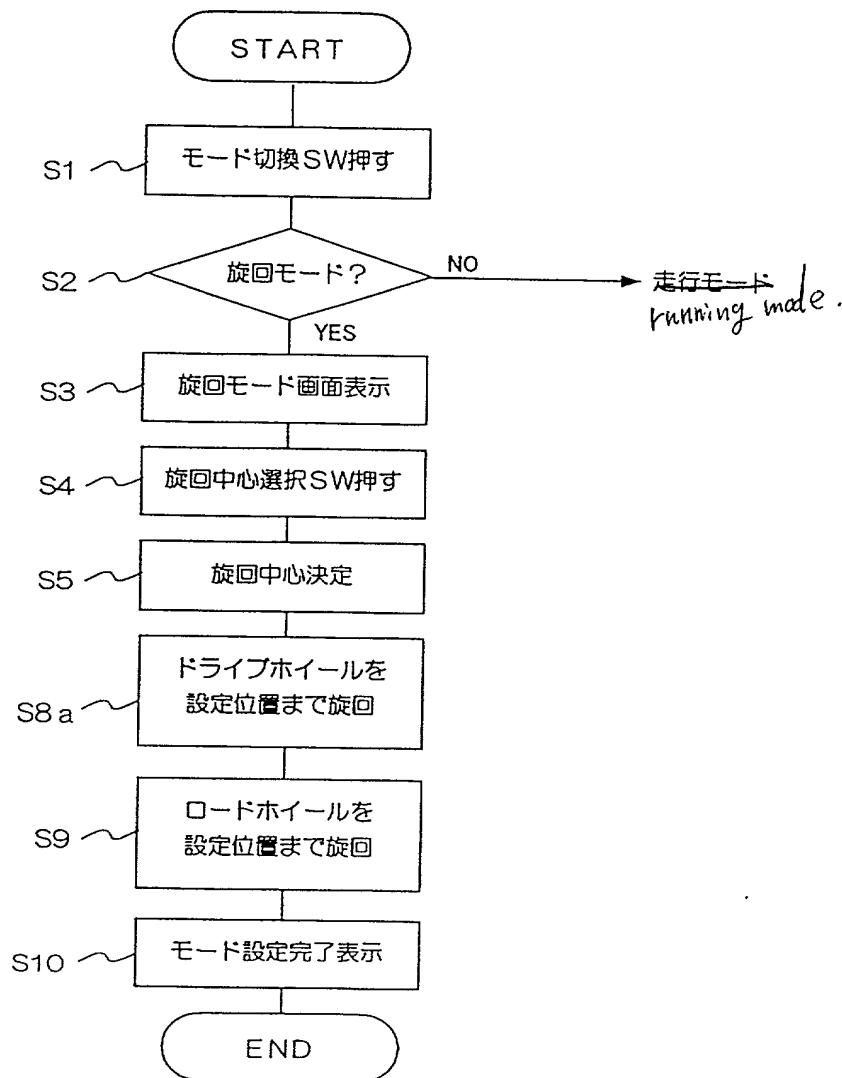
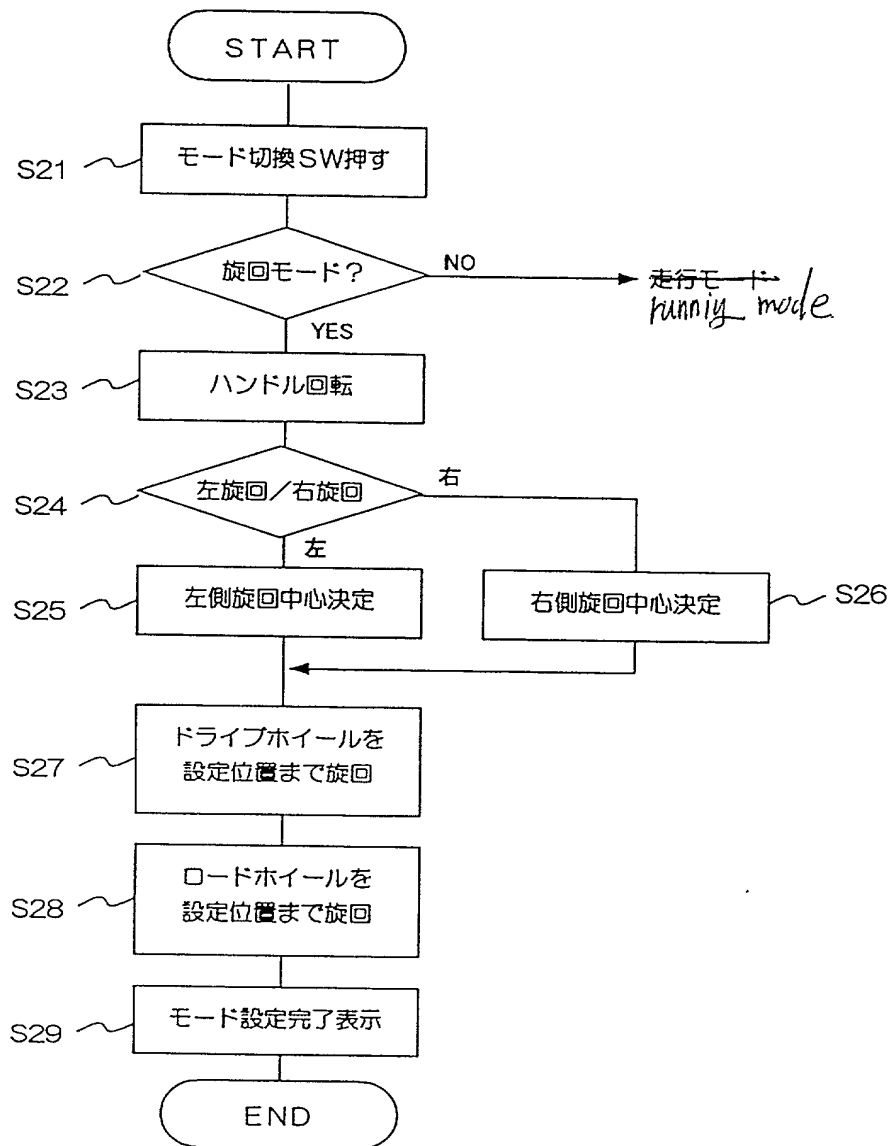


FIG. 14



S1: depress mode switching switch, S2: has turning mode been depressed?, S3: display turning mode screen, S4: depress center-of-turn selecting switch; S5: determine center of turn; S8a: turn driving wheel to set position; S9: turn road wheels to set positions; S10: display mode setting completion screen.

FIG. 15



S21: depress mode switching switch, S22: has turning mode been depressed?, running mode, S23: turn steering wheel; S24: turn counterclockwise/turn clockwise; right, left, S27 turn driving wheel to set position; S28 turn road wheels to set positions; S30: display mode setting completion screen.

FIG. 16A

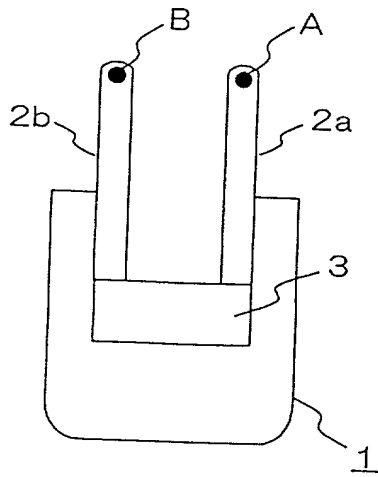


FIG. 16B

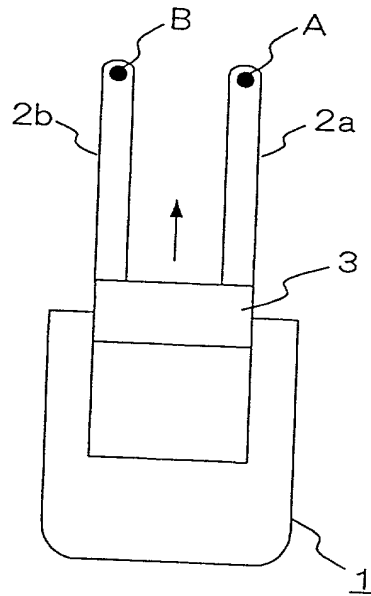
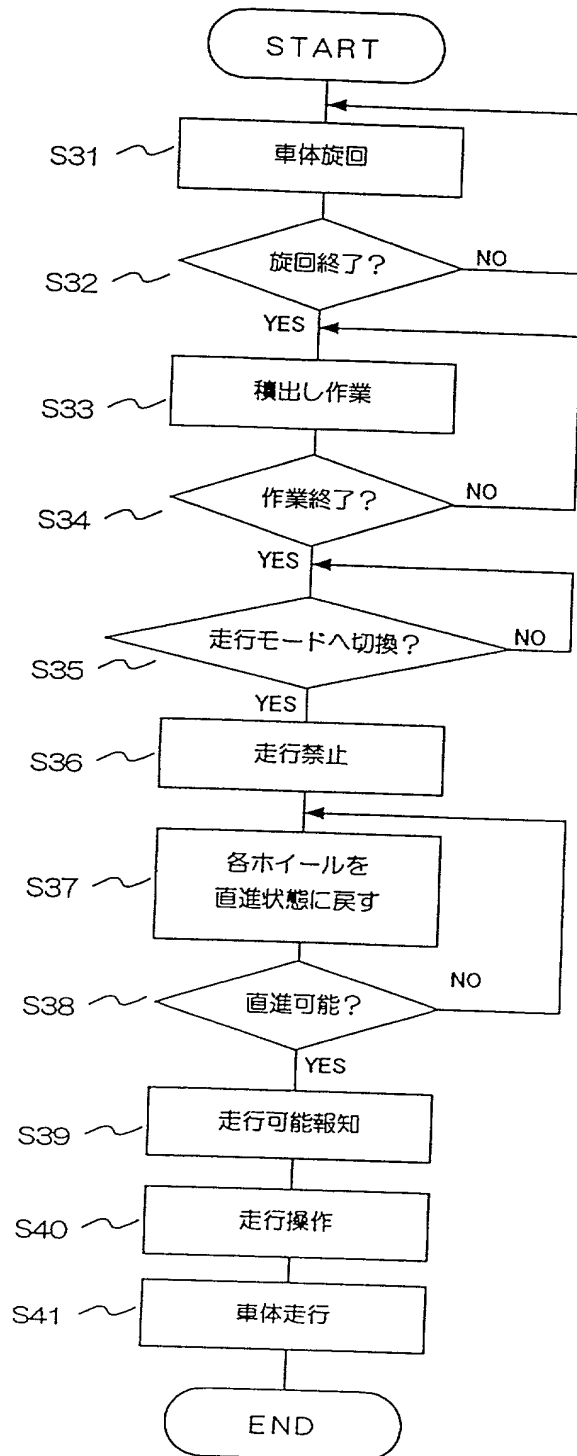
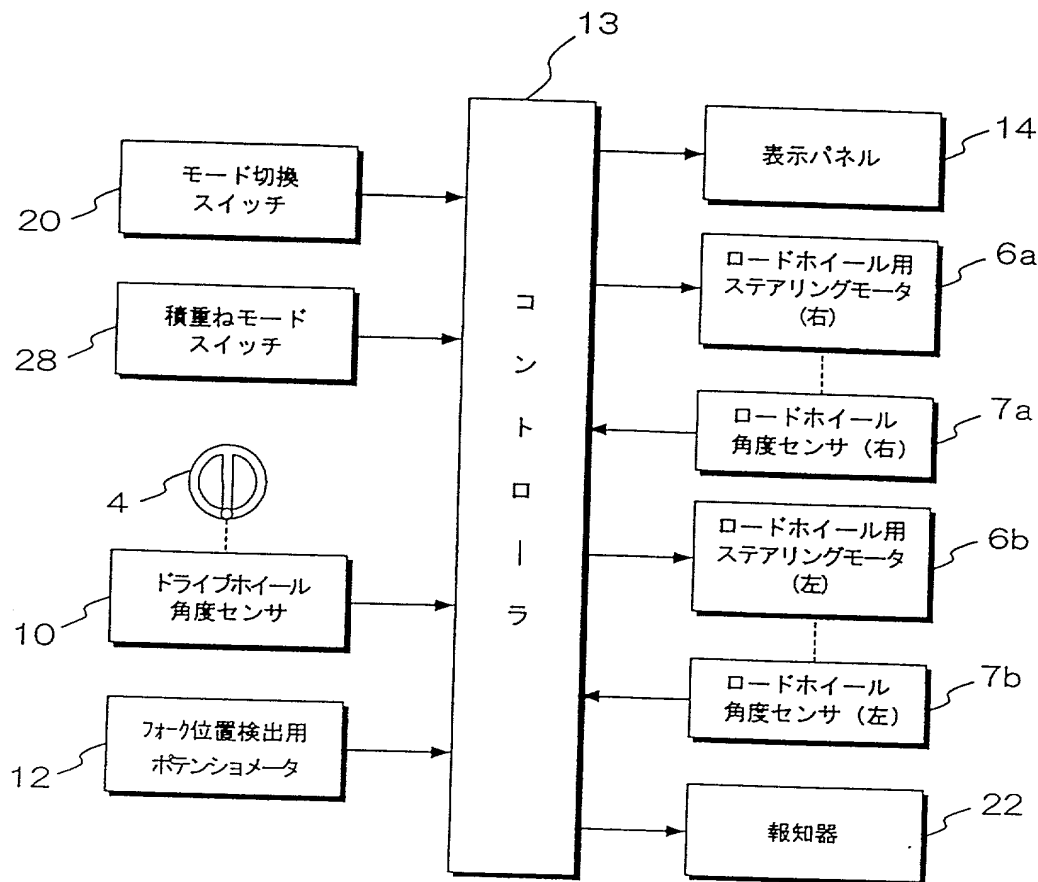


FIG. 17



S31: turn body; S32: has turn been completed; S33: unload cargo; S34: has unloading cargo been completed; S35: has operation mode been switched back to running mode; S36: prohibit running; S37: return each wheel to straight running state; S38: is straight running possible? S39: inform that running is ready; S40: perform running operation; S41: run body.

FIG. 18



6a: road wheel steering motor, 6b: road wheel steering motor; 7a: road wheel angle sensor (right); 7b: road wheel angle sensor (left); 10: driving wheel angle sensor, 12: fork arm position detecting potentiometer, 13: controller; 14: display panel; 20: mode switching switch; 22: information device; 28: stacking mode switch

FIG. 19

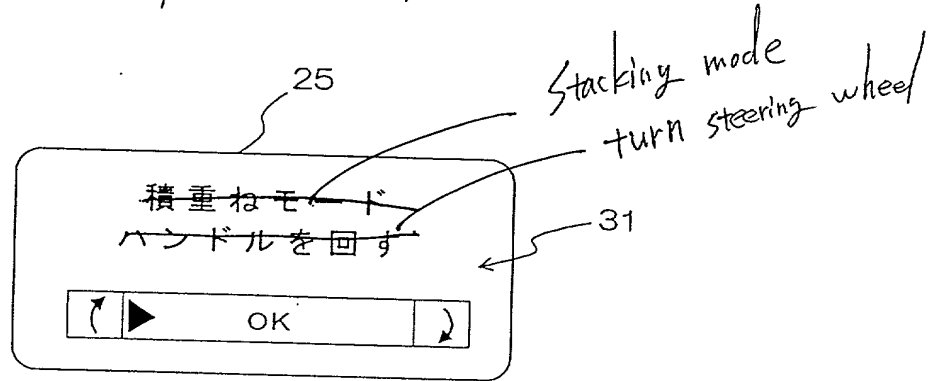


FIG. 20

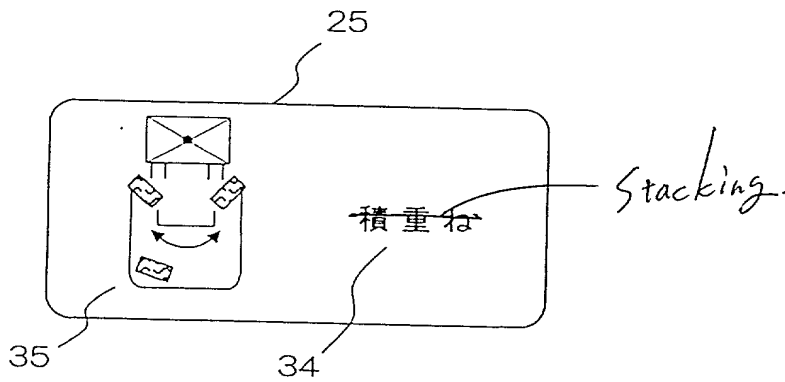
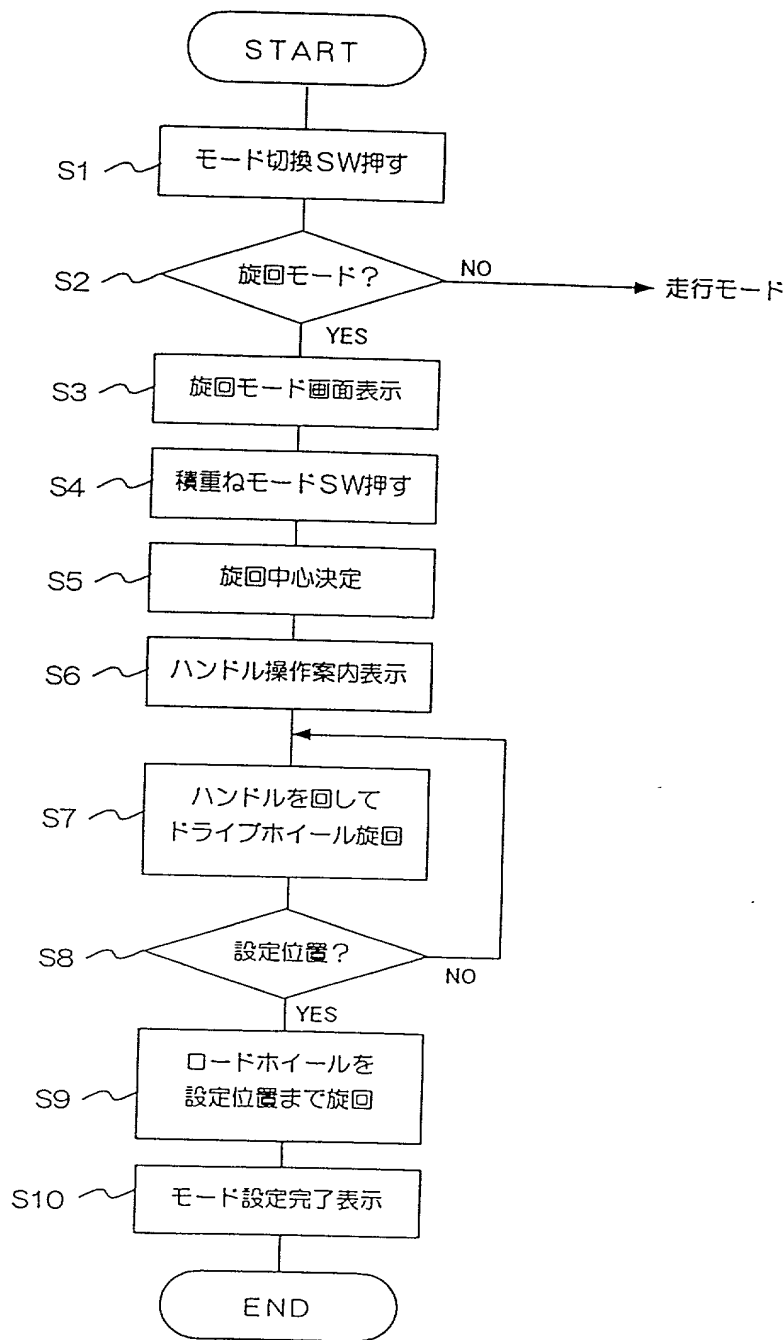


FIG. 21



S1: depress mode switching switch, S2: has turning mode been depressed?, S3: display turning mode screen; S4: depress stacking mode switch, S5: determine center of turn, S6: display steering wheel operation guide, S7: turn steering wheel to turn driving wheel, S8: has driving wheel turned to set position?, S9: turn road wheels to set positions, S10: display mode setting completion screen.

FIG. 22

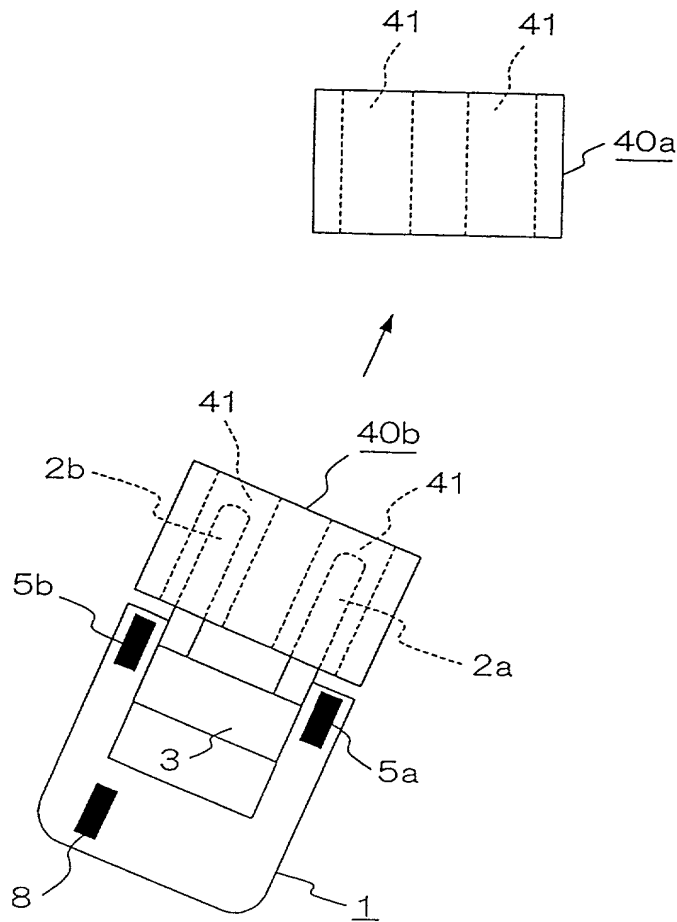


FIG. 23

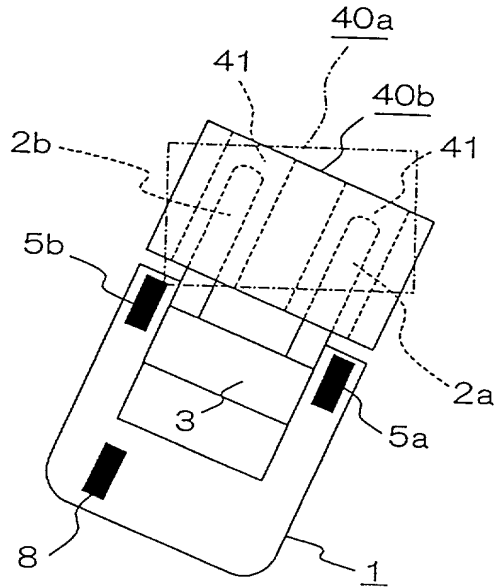


FIG. 24

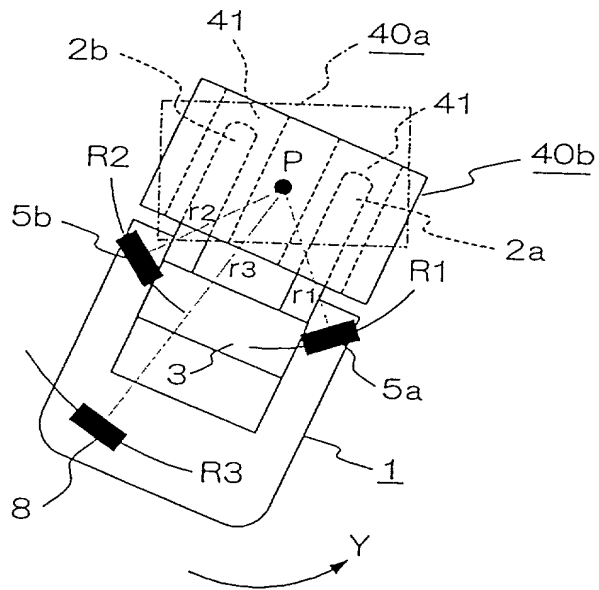


FIG. 25

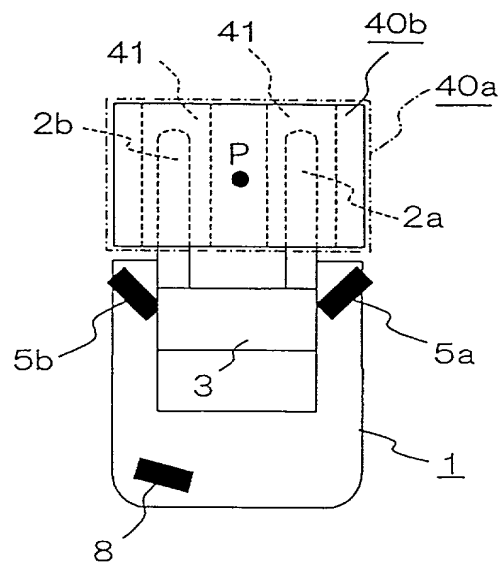


FIG. 26

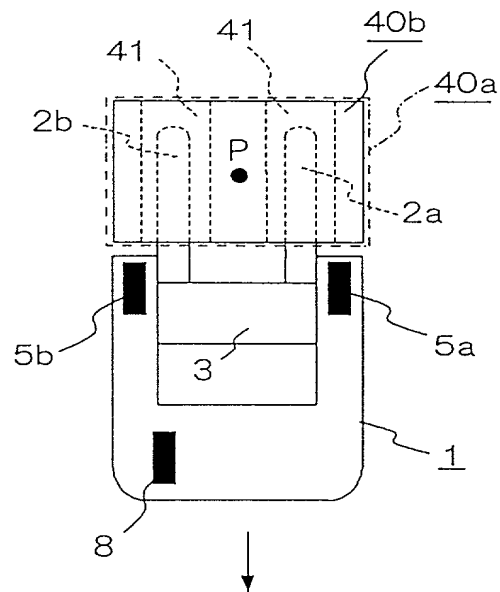


FIG. 27A

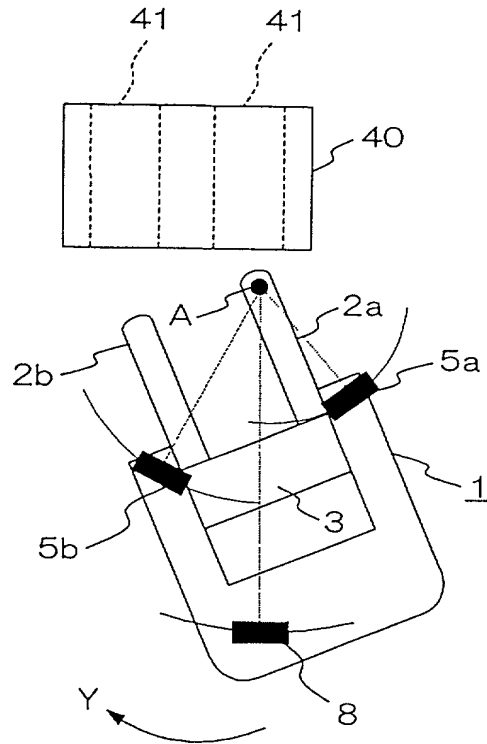


FIG. 27B

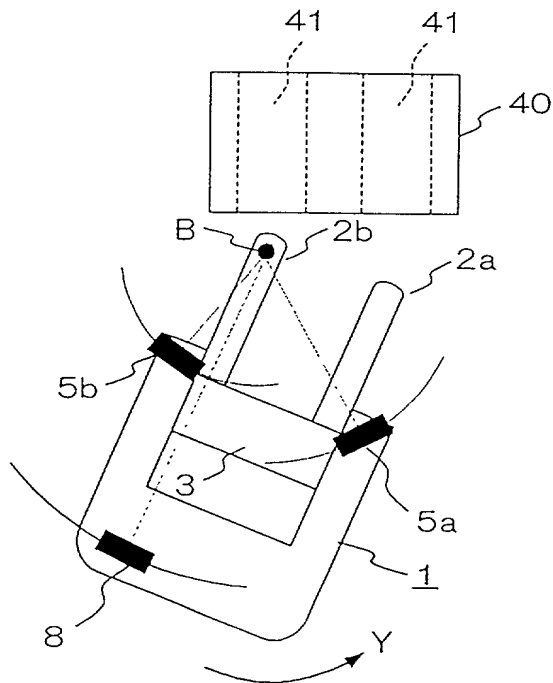
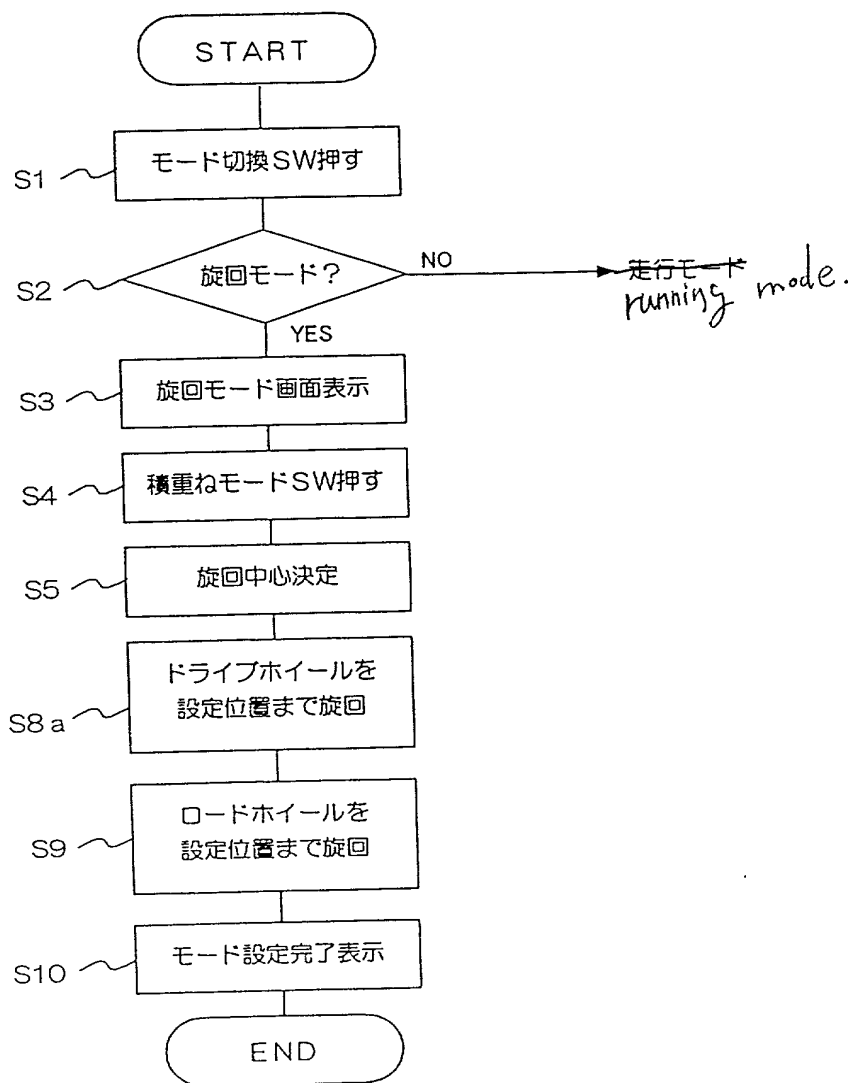


FIG. 28



S1. depress mode switching switch; S2 has turning mode been depressed?; S3. display turning mode screen; S4: stacking mode switch, S5 determine center of turn; S8a turn driving wheel to set position; S9. turn road wheels to set positions; S10. display mode setting completion screen

FIG. 29A

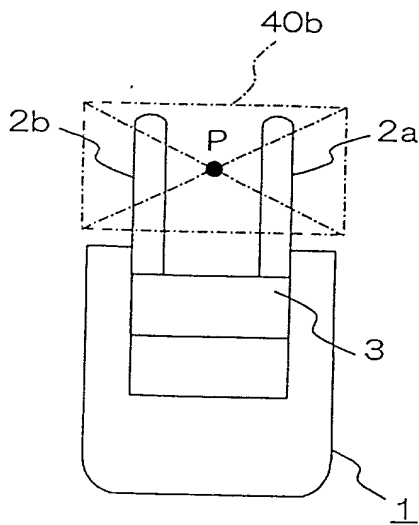


FIG. 29B

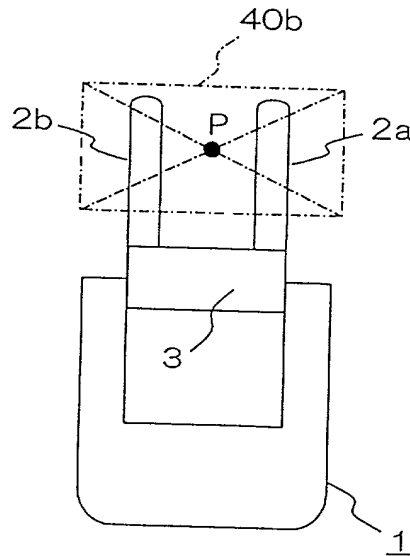
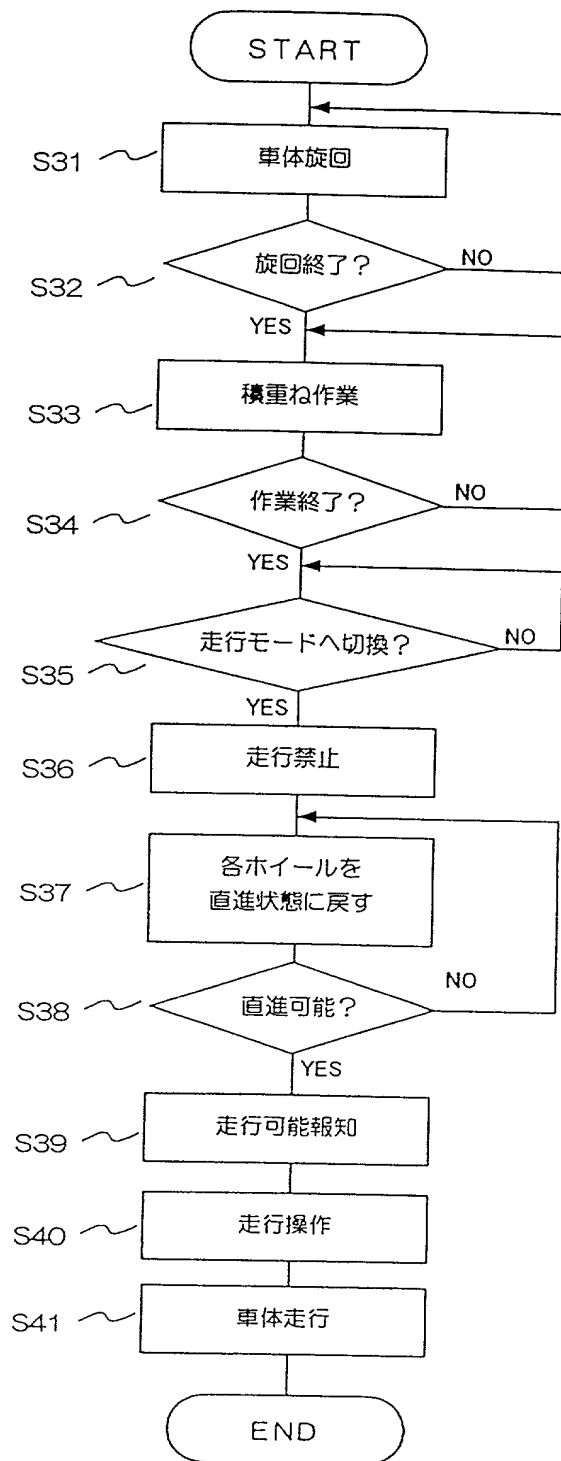


FIG. 30



S31: turn body; S32: has turn been completed; S33: stack pallet; S34: has stacking pallet been completed; S35: has operation mode been switched back to running mode; S36: prohibit running; S37: return each wheel to straight running state; S38: is straight running possible? S39: inform that running is ready; S40: perform running operation; S41: run body

FIG. 3/A

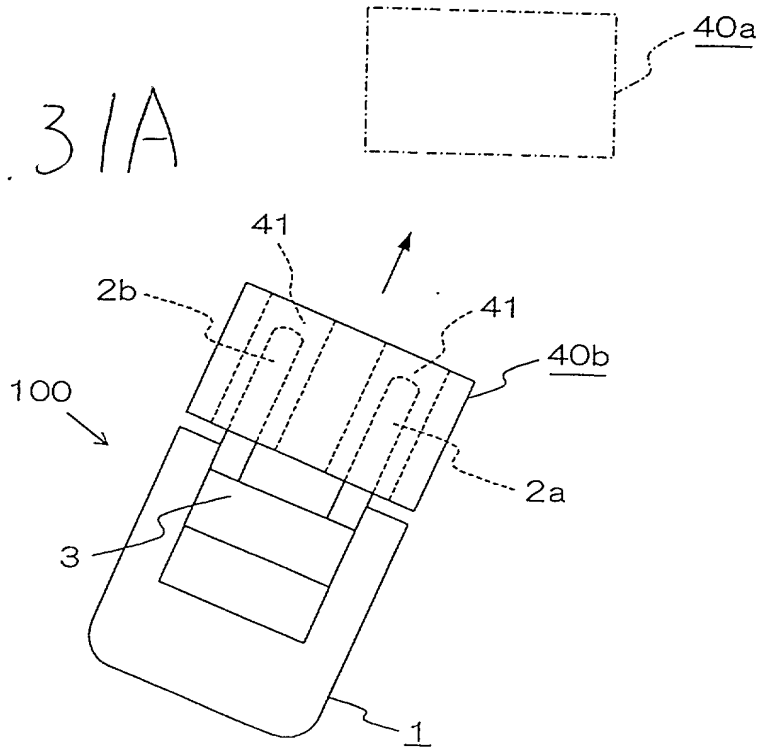


FIG. 3/B

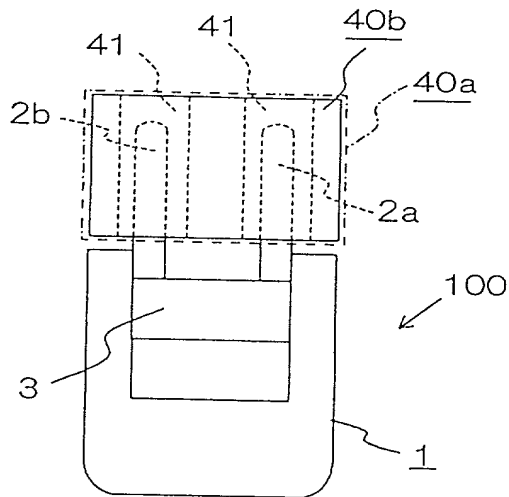


FIG. 32

